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### Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

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- Exclude pages by using a - if a search term must not appear on a page.

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Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

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### 1 [Transactional lock-free execution of lock-based programs](#)

Ravi Rajwar, James R. Goodman

 October 2002 **Tenth international conference on architectural support for programming languages and operating systems on Proceedings of the 10th international conference on architectural support for programming languages and operating systems (ASPLOS-X)**, Volume 36 , 30 , 37 Issue 5 , 5 , 10
Full text available: [pdf\(1.61 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

This paper is motivated by the difficulty in writing correct high-performance programs. Writing shared-memory multi-threaded programs imposes a complex trade-off between programming ease and performance, largely due to subtleties in coordinating access to shared data. To ensure correctness programmers often rely on conservative locking at the expense of performance. The resulting serialization of threads is a performance bottleneck. Locks also interact poorly with thread scheduling and faults, r ...

### 2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Full text available: [pdf\(4.21 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

### 3 [Papers: Program insertion in real-time IP multicasts](#)

Jack Brassil, Sukesh Garg, Henning Schulzrinne

 April 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 2
Full text available: [pdf\(1.55 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We describe the design, implementation and operation of a prototype system which seamlessly mixes real-time audio and video streams originating from multiple, physically separated sources. Mixing is entirely decentralized, relying on new protocols to coordinate transfer of session control between IP multicast sources. The system is motivated by the desire to perform dynamic insertion of advertisements in active, real-time multimedia sessions. It permits content providers and viewers a far richer ...

### 4 [Continuous program optimization: A case study](#)

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